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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/807,826

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Jeffrey J. Jonas

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05/31/2007

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EXAMINER

YALEW, FIKREMARIAM A

ART UNIT

PAPER NUMBER

2136

MAIL DATE

DELIVERY MODE

05/31/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/807,826

Applicant(s)

JONAS ET AL.

Examiner

Fikremariam Yalew

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 March 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>06/21/04, 12/26/06</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-30 have been examined.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fleishman (US Patent No 4,232,313) in view of Dube (US Patent No 7,177,426).
4. As per claims 1,16: Fleishman discloses a method/System for processing data comprising: receiving a plurality of fixed coordinates that represent a location of an item (See col 40 lines 60-66);

Fleishman does not disclose utilizing a cryptographic algorithm to process the plurality of fixed coordinates forming a processed data; and comparing the processed data to at least a portion of secondary data.

However Dube utilizing a cryptographic algorithm to process the plurality of fixed coordinates forming a processed data (See col 5 lines 14-24); and comparing the processed data to at least a portion of secondary data (See Fig 13 step 1310, Fig 15 steps 1510). It would have been obvious to one ordinary skill in the art to modify the

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method for processing data of Fleishman with the encryption of Dube because the encryption protects the sensitive data.

5. As per claims 2,17: the combination of Fleishman and Dube disclose further comprising the step of receiving data representing the location of the item and determining the plurality of fixed coordinates that represent the location of the item prior to receiving the plurality of fixed coordinates (See Fleishman Col 13 lines 35-56 and col 30 lines 10-29).

6. As per claims 3,18: the combination of Fleishman and Dube disclose the method further comprising the step of storing the processed data in a database (See Fleishman col 8 line 62 through col 9 line 5 and col 20 lines 13-25).

7. As per claim 4,19: the combination of Fleishman and Dube disclose the method wherein the step of comparing the processed data to at least a portion of secondary data includes the secondary data comprising data previously stored in a database (See Fleishman col 14 lines 41-47 and col 15 lines 10-30).

8. As per claims 5,20: the combination of Fleishman and Dube disclose the method further comprising the step of matching the processed data to the at least a portion of secondary data that is determined to reflect an identical one of the plurality of fixed coordinates (See Fleishman col 14 lines 41-47 and col 15 lines 10-30).

9. As per claims 6,21: the combination of Fleishman and Dube disclose the method further comprising the step of issuing a signal based upon a user-defined rule(See Fleishman col 40 lines 55-69).

10. As per claims 7,22: the combination of Fleishman and Dube disclose the method wherein the step of determining the plurality of fixed coordinates that represent the location occurs in relation to a grid (See Fleishman col 40 lines 52-57).
11. As per claims 8,23: the combination of Fleishman and Dube disclose the method wherein the grid comprises a uniform grid (See Fleishman Fig 10).
12. As per claims 9,24: the combination of Fleishman and Dube disclose the method wherein the grid comprises a non-uniform grid (See Fig Fleishman Col 5 lines 58-68).
13. As per claims 10,25: the combination of Fleishman and Dube disclose the method wherein the grid is a multi-dimensional grid (See Fleishman Fig 10).
14. As per claims 11,26: the combination of Fleishman and Dube disclose the method wherein the grid is based upon a user-defined criterion (See Fig Fleishman Col 5 lines 58-68).
15. As per claims 12,27: the combination of Fleishman and Dube disclose the method wherein the user-defined criterion corresponds with quantity (Fleishman col 4 lines 1-7).
16. As per claims 13,28: the combination of Fleishman and Dube disclose the method wherein the user-defined criterion corresponds to time (Fleishman col 4 lines 1-7).
17. As per claims 14,29: the combination of Fleishman and Dube disclose the method wherein the step of determining the plurality of fixed coordinates that represent the location includes the step of determining a nearest of the plurality of fixed coordinates (See Dube col 4 lines 25-31 and col 5 lines 42-45).

18. As per claims 15,30: the combination of Fleishman and Dube disclose the method wherein the step of determining a plurality of fixed coordinates that represent the location includes the step of determining the plurality of fixed coordinates surrounding the location (See Dube col 4 lines 25-31 and col 5 lines 42-45).

Conclusion

19. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO 892.

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fikremariam Yalew whose telephone number is 5712723852. The examiner can normally be reached on 9-5. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Moazzami Nasser, can be reached on 5712738300. The fax phone number for the organization where this application or proceeding is assigned is 571-272-4195. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service

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Representative or access to the automated information system, call 800-786-9199 (IN
USA OR CANADA) or 571-272-1000.


Fikremariam Yalew

05/22/07

FA

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5/26/07